

Rejections Under 35 U.S.C. § 102

Claims 1-8 were rejected under 35 U.S.C. § 102(b) as being anticipated by Shacklette et al. (U.S. Patent No. 5,850,498).

Shacklette describes an optical waveguide having a waveguide core and a cladding, both the core and cladding being made of a photopolymerizable compound, such as a multifunctional acrylate as is described in col. 5, ln. 29-50. Such polymer material is not conductive, and although it contains some carbon is not substantially composed of carbon.

Applicant has amended the claims to more clearly reflect that the conductive member on the printed circuit board of the present claims is electrically conductive as all printed circuit board conductive members are traditionally electrically conductive, and as is further supported by the specification. Because Shacklette discloses neither an electrically conductive element, a printed circuit board on which such element is supported, nor a cladding substantially formed of carbon, the claims of the present invention as amended herein are believed to be in condition for allowance.

Reexamination and allowance of these pending claims 1-8 is therefore respectfully requested.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (612) 349-9581 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

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Feb 4 '03

By

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on this 4th day of February, 2003.

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